

DEPTH IN FEET		WELL SUMMARY		BLOWS ON SAMPLER/FOOT	USCS	PROFILE	MONITORING WELL NO. 9MW19	
SAMPLE RECOVERY TYPE & NUMBER	PID READING (ppm)						PROJ. GEOL. <u>B. Sibbett</u>	COORDINATES <u>N 2062820.03</u> <u>E 5774591.72</u>
							FIELD GEOLOGIST <u>B. Sibbett</u>	DATE BEGAN <u>10-31-00</u>
							CHECKED BY <u>B. Sibbett</u>	DATE FINISHED <u>11-03-00</u>
							APPROVED BY _____	GROUND SURFACE EL. <u>350.17'</u>
							TOTAL DEPTH <u>118.0 feet</u>	
							DESCRIPTION	
0							Loose, yellowish brown (10YR 5/4) SAND, medium grained, dry, well sorted.	
5								
10					sp		Same as above, dry.	
15							Loose, yellowish brown (10YR 5/4) SAND, dry, medium grained, very well sorted, minor silt.	
20							Same as above, still dry.	
25					sp		Loose, light yellowish brown (10YR 6/4) SAND, dry, very well sorted, rounded quartz grains, minor silt.	
30							Loose, dark yellowish brown (10YR 4/4) SAND, damp, very well sorted.	
35								
40							Loose, yellow brown (10YR 5/4) SAND, damp, very well sorted medium grained.	
45							Same as above.	
50					sp			
55							Loose, yellow brown (10YR 5/6) SAND, damp, medium grained, very well sorted, clean, well rounded quartz grains.	
60								
65								
70								

DRILLING CO.: TRI-COUNTY DRILLING, INC.  
 DRILL METHOD: CME-75 DRILL RIG WITH 8-INCH OUTSIDE  
 DIAMETER HOLLOW STEM AUGERS  
 PROJECT NO.: 771230  
 CLIENT: VANDENBERG AIR FORCE BASE  
 LOCATION: SITE 9, SLC-4

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 EXPLANATION OF SYMBOLS AND TERMS



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						FIELD GEOLOGIST <u>B. Sibbett</u>	DATE BEGAN <u>10-31-00</u>
						CHECKED BY <u>B. Sibbett</u>	DATE FINISHED <u>11-03-00</u>
						APPROVED BY _____	GROUND SURFACE EL. <u>350.17'</u>
						TOTAL DEPTH <u>118.0 feet</u>	
DESCRIPTION							
70				sp		Loose, strong brown (7.5YR 5/8) SAND, medium grained, very well sorted. (Start continuous core at 70 ft.).	75.0'
75				sc		Stiff, very dark grayish brown (2.5Y 3/2) clayey SAND, medium grained to 75.3 ft.	75.3'
				cl		Stiff, very dark gray (2.5Y 3/2) clay.	77.0'
80				gc		Stiff, pale olive (5Y 6/3) clayey GRAVEL, 1-3 cm clasts, of diatomite, no open matrix, damp.	
85						Dense to stiff, pale yellow (2.5Y 7/3) clayey GRAVEL, diatomite pebbles are altered to clay. Few 2 cm sand spots.	
90						Dense, pale olive, (5Y 6/4) clayey GRAVEL, damp, clasts are granule to 3 cm in size, ~5% sand interbedded.	
95						Dense, pale yellow (2.5Y 7/3) GRAVEL, increasing sand, few chert clasts to 4 cm.	
100						Dense, light yellowish brown (2.5Y 6/3) GRAVEL, sand beds are 2-3 cm thick, spaced about 40 cm apart, gravel clasts are clay altered diatomite.	105.0'
105				sp		Loose, light olive brown (2.5Y 5/6) SAND, wet, medium grain, few 1-3 cm size chert pebbles, well sorted. ≠ 108' from surface 11/04/00	115.0'
110							
115				gp		Dark gray (5Y 4/1) sandy GRAVEL, chert and quartz pebbles to 3 cm. 234' elevation	116.0'
				sc		Greenish gray (5Y 5/1) SHALE, bedrock diatomite partially altered, no stain on fractures.	
120						TOTAL DEPTH = 118.0 FEET	
125							
130							
135							
140							

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